# Marine Corps Artillery Detachment, Fort Sill

## Veterans Day 2008

## ORM

## Quarterly Safety Theme Training

* Leadership is Safety

## ORM Indoctrination Training

* ORM Terms
* 5-Step ORM Process
* Causes of Risk
* 4 ORM Principles
* Benefits of ORM
* 3 Levels of ORM
* Time-critical ORM

# MARINE CORPS SAFETY POLICY

- 1. WARRIOR PRESERVATION IS A VITAL ELEMENT OF FORCE PRESERVATION AND FORCE ASSURANCE. OUR COMBAT READINESS AND COHESION ARE AFFECTED WHEN MARINES ARE LOST OR INJURED DUE TO MISHAPS.
  2. ALTHOUGH MARINES ARE WORKING TO IMPROVE MARINE CORPS SAFETY, WE CAN AND MUST DO BETTER. WE MUST CHANGE THE CULTURE ACROSS OUR CORPS TO POSITIVELY INFLUENCE BEHAVIOR AND REDUCE MISHAPS - ON- AND OFF-DUTY, DURING OPERATIONS, TRAINING AND RECREATION - ESPECIALLY FOR GOVERNMENT AND PRIVATE MOTOR VEHICLES, INCLUDING MOTORCYCLES.
  3. MARINES AT EVERY LEVEL WILL UNDERSTAND:
  A. SAFETY IS THE RESPONSIBILITY OF EVERY MARINE. EVERY MARINE MUST ACTIVELY MITIGATE ON- AND OFF-DUTY RISKS AND HAZARDS TO MAINTAIN INDIVIDUAL READINESS.
  B. SAFETY IS ALSO A LEADERSHIP RESPONSIBILITY. NONCOMMISSIONED OFFICERS AND COMPANY GRADE OFFICERS PROVIDE THE INSTITUTIONAL FOUNDATION FOR SAFETY - REINFORCING INDIVIDUAL AND UNIT SAFETY MEASURES. REMEMBER, "MARINES TAKE CARE OF THEIR OWN."
  C. COMMANDERS POSITIVELY INFLUENCE SAFE BEHAVIOR BY SETTING THE EXAMPLE, TRAINING AND EDUCATION ENFORCEMENT, INTERVENTION, AND ACCOUNTABILITY - FULLY INTEGRATING FORCE PRESERVATION PRINCIPLES INTO TRAINING, OPERATIONS, AND OFF-DUTY EVENTS.
  D. HEADQUARTERS MARINE CORPS WILL PROVIDE THE POLICIES, TRAINING, AND EDUCATION TO REINFORCE A MARINE CORPS CULTURE THAT EMBRACES

  FORCE PRESERVATION.
  4. SAFETY PROGRAMS WILL NEVER REPLACE LEADERSHIP. LEADERSHIP IS KEY TO PREVENTING ACCIDENTAL DEATHS AND INJURIES THAT DIRECTLY AFFECT THE READINESS AND COMBAT CAPABILITY OF OUR FORCE.
  TOGETHER
  WE MUST SET THE FOUNDATION OF SAFE PRACTICES TO PRESERVE OUR MARINES AND SAILORS AND THE EQUIPMENT THEY OPERATE.
  5. SEMPER FIDELIS, JAMES T. CONWAY, GENERAL, U.S. MARINE CORPS, COMMANDANT OF THE MARINE CORPS//

# Quarterly Safety Theme Training

- Leadership is Safety

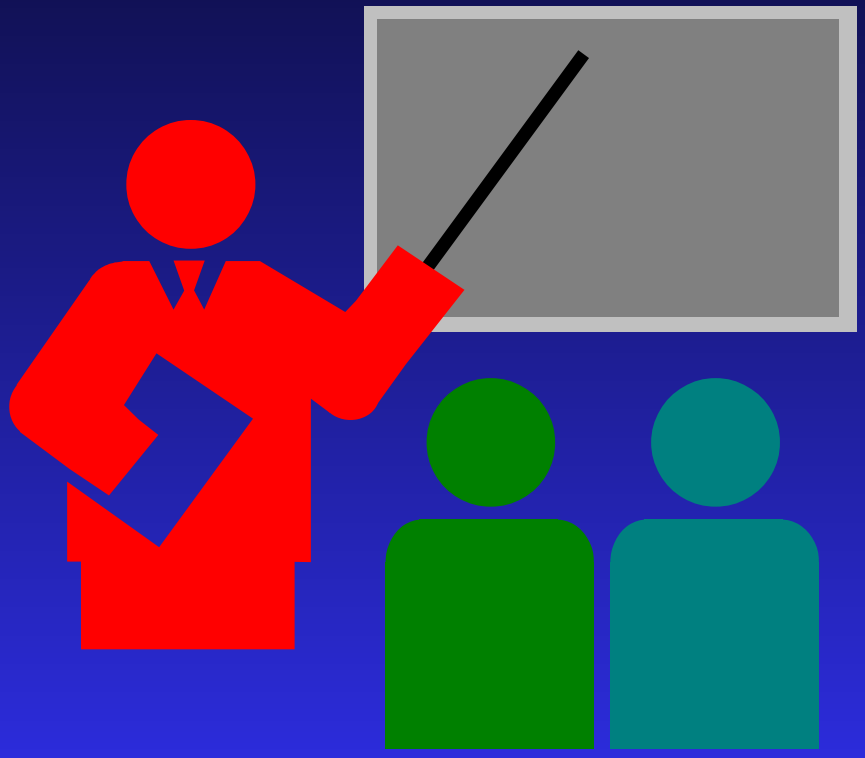
✓ Leaders must protect their personnel from Mishaps.
✓ Foresight and Planning are key to mission success and the key to reducing mishaps.
✓ Leaders must Identify hazards associated with their mission.
✓ Leaders must teach their subordinates the skills needed to identify hazards.
✓ Listen to your Marines who have the intestinal fortitude to speak up when observing unsafe acts or behaviors.

# Quarterly Safety Theme Training

* Leadership is Safety

- ✓ Keep your Marines alive and ready for the fight.
- ✓ If you see a Marine acting in an unsafe manner, help that Marine, directly or through the chain of command.
- ✓ As professionals, I am counting on you to help me keep Marines safe.

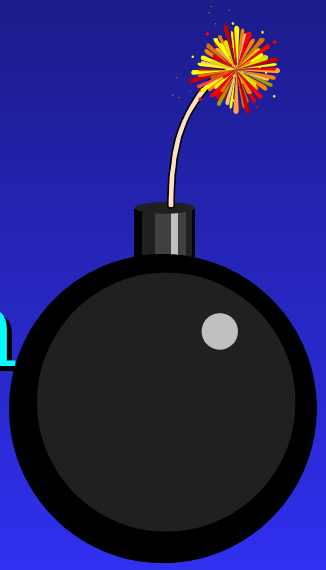
# ORM Terms



# ORM Terms

## Hazard:

A condition with the potential to cause personal injury or death, property damage, or mission degradation.



# ORM Terms

## Risk:

An expression of possible loss in terms of severity and probability

# ORM Terms

## Severity:

The worst credible consequence which can occur as a result of a hazard.

# ORM Terms

## Probability:

The likelihood that a hazard will result in a mishap or loss

| Hazard | Risk |
| --- | --- |
| Bad Weather | High Probability of impaired road cond |
| Drinking alcohol | Chance of injuring And others if you choose to drive |
| Walking on top of wet pavement | Chance of Fall Producing Severe Injury |

# ORM Terms

## Risk Assessment:

The process of detecting hazards and assessing associated risks.

# ORM Terms

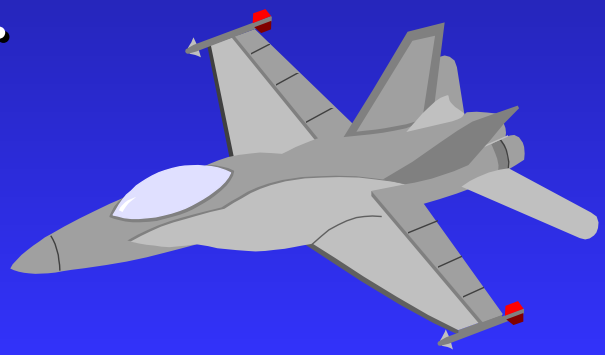
## Control:

A method for reducing risk for an identified hazard by wering the probability of occurrenc decreasing potential severity, or both.

# ORM Terms

## Operational Risk Management:

The process of dealing with risk associated with military operations, which includes risk assessment, risk decision making, and implementation of effective risk controls.



# Operational Risk Management Process

1. Identify Hazards
2. Assess Hazards
3. Make Risk Decisions
4. Implement Controls
5. Supervise

# Operational Risk Management

- ✓ A Decision Making Tool
- ✓ Increases Ability to Make Informed Decisions
- ✓ Reduces Risks to Acceptable Levels

# Operational Risk Management

## Goal:

To optimize operational capability and readiness by managing risk to accomplish the mission with minimal loss.

# Causes of Risk

* Change - The “Mother” of Risk
  * Resource Constraints
    * New Technology
    * Complexity
    * Stress

# Causes of Risk
## (Cont.)

* Societal Constraints
* Environmental Influences
* Human Nature
* Speed/Tempo of Operation
* High Energy Levels

# Four ORM Principles

1. Accept risk when benefits outweigh the cost.
2. Accept no unnecessary risk.
3. Anticipate and manage risk by planning.
4. Make risk decisions at the right level.

# ORM vs. Non-standard Approach

| | |
|---|---|
| Systematic | Random, Individual-D |
| Proactive | Reactive |
| Integrates All Types of Risk Into Plan | Safety As After-thought Or Plan is Done |
| Common Process/Terms | Non-standard |
| Conscious Decision Based on Risk vs. Benefit | “Can Do” Regardless of Ris |

# The Benefits of ORM

- ✓ Reduction in Mishaps
  - ✓ Improved Mission Effectiveness

# Operational Risk Management

## Levels of Application

1. Time-critical - On the run consideration of the 5 Step
2. Deliberate - Application of t complete 5-Step Process
3. In-depth - Complete 5-Step Process with Detailed Analy

# ORM PROCESS

Time Critical ORM

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# Indoctrination Training

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# Are there any question?

I have one for you:

How many levels of ORM application are there?

# VETERANS DAY

- Have a good and safe Veterans Day Weekend.
- Remember to give some thought of those who have come before us.
- Warriors care about Warriors.
- Think about what you are going to do, come up with a plan, weigh the risk, add some controls, reduce the risk, make it happen! Keep it as safe as possible by supervision.
- Remember, SAFETY is not here to stop you from doing things, it is here for you to make it as safe as possible before you do it! Or not to do it if you cannot make it safe enough to say the outcome is worth the risk!
- Think Safe, Be Safe, Live Safe!